

Title (en)

CATHODE ARRANGEMENT FOR A FLAT ELECTRON BEAM DISPLAY DEVICE

Publication

EP 0328164 A3 19901031 (DE)

Application

EP 89106228 A 19861118

Priority

- EP 89106228 A 19861118
- DE 3541164 A 19851121

Abstract (en)

[origin: EP0328164A2] A cathode arrangement for a flat electron beam display device has an opposing electrode (6), a plurality of heating wires (7) parallel thereto and an attracting anode (5), likewise parallel to the opposing electrode. Focusing wires (8) and attracting wires (9) are additionally present, running parallel to the cathode wires. The attracting anode is designed such that it has in each case a plurality of transmitting lines for each cathode wire. As a result of this arrangement, it is no longer necessary for a separate cathode wire to be allocated to each transmitting line in the attracting anode, but it is adequate to use a single cathode wire in each case for a plurality of transmitting lines. In consequence, considerable heating power can be saved. <IMAGE>

IPC 1-7

H01J 29/04; H01J 31/12

IPC 8 full level

H01J 31/12 (2006.01)

CPC (source: EP)

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Citation (search report)

- [A] EP 0079604 A2 19830525 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [AD] JP S60185343 A 19850920 - MATSUSHITA ELECTRIC IND CO LTD
- [A] DE 3119442 A1 19821209 - SIEMENS AG [DE]

Designated contracting state (EPC)

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